

08/910548

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(FILE 'USPAT' ENTERED AT 13:46:00 ON 12 MAY 1998)  
E HUFF, KAREN/IN  
L1 28 S THROUGH(2W)WASHER(2W)DRYER  
L2 23783 S VOLUME(W)FILL OR FILL###(8A)VOLUME  
L3 70569 S POUCH## OR BAG OR SACHET#  
L4 2229 S L2 AND L3  
L5 1 S L1 AND L4  
L6 134388 S POLYESTER#  
L7 412 S L4 AND L6  
L8 24698 S HEAT(W)SEAL###  
L9 138 S L7 AND L8  
L10 2248 S (IMPREGNAT#### OR COAT#### OR IMMERS####) (6A) (FABRIC CON  
DIT  
L11 2 S L9 AND L10  
  
FILE 'EPOABS' ENTERED AT 14:20:28 ON 12 MAY 1998  
L12 0 S L11  
L13 2 S L1

=> d 1-2 111

1. 4,818,422, Apr. 4, 1989, Fabric softening deterative article; Richard P. Adams, et al., 510/297, 300, 322, 324, 331, 441, 442 [IMAGE AVAILABLE]

2. 4,818,421, Apr. 4, 1989, Fabric softening detergent composition and article comprising such composition; Felicia J. Boris, et al., 510/297, 300, 322, 324, 331, 441, 443, 466, 527, 535; 528/29; 556/445 [IMAGE AVAILABLE]

16. 4,413,219, Nov. 1, 1983, Fork truck battery charging system; Ronald L. Ducharme, et al., 7/109, DIG.34 [IMAGE AVAILABLE]
17. 4,406,297, Sep. 27, 1983, Pipet washer; John R. Walton, 134/102.3, 103.1, 107, 171 [IMAGE AVAILABLE]
18. 4,178,773, Dec. 18, 1979, Material handling system; Alden H. Wakeman, 62/341; 414/222 [IMAGE AVAILABLE]
19. 4,148,668, Apr. 10, 1979, Method for cleaning a dye-emitting orifice; William H. Stewart, Jr., 134/22.18, 24, 34; 239/112 [IMAGE AVAILABLE]
20. 4,108,644, Aug. 22, 1978, Manufacture of reactive metals and alloys; M. Victor Walberg, et al., 75/10.26; 164/4.1, 495; 420/419, 420, 590 [IMAGE AVAILABLE]
21. 4,059,880, Nov. 29, 1977, Method of making an apparatus for dyeing and printing of materials; Norman E. Klein, 29/890.142, 445, 463, 890.01, DIG.26; 68/205R [IMAGE AVAILABLE]
22. 3,985,006, Oct. 12, 1976, Dyeing and printing of materials; Norman E. Klein, 68/205R; 134/172 [IMAGE AVAILABLE]
23. 3,958,586, May 25, 1976, Combined washer and dryer unit; Charles Wayne Schnelle, 134/68, 127 [IMAGE AVAILABLE]
24. 3,939,575, Feb. 24, 1976, Dryer unit for printing plates; Charles Wayne Schnelle, 34/216, 217, 233, 236 [IMAGE AVAILABLE]
25. 3,937,045, Feb. 10, 1976, Dyeing and printing of materials; Norman E. Klein, et al., 68/205R; 55/462; 68/183 [IMAGE AVAILABLE]
26. 3,673,984, Jul. 4, 1972, DIP COATING MACHINE; Raymond Francis Coulombe, 118/416, 423, 425 [IMAGE AVAILABLE]
27. 3,662,660, May 16, 1972, APPARATUS FOR PROCESSING SENSITIZED MATERIAL; Ronald P. Layne, 396/622, 617, 626 [IMAGE AVAILABLE]
28. 3,634,122, Jan. 11, 1972, METHOD FOR TREATING RAZOR BLADES; Philipp G. Grefe, et al., 427/284; 134/32, 37, 198, 199; 427/300, 327, 424 [IMAGE AVAILABLE]

=> d 1-28 11

1. 5,749,383, May 12, 1998, Non-linear chain belt type conveyor; Harold W. Parslow, Jr., 134/56R, 58R, 131; 198/464.2 [IMAGE AVAILABLE]
2. 5,461,217, Oct. 24, 1995, Secure money transfer techniques using smart cards; David M. Claus, 235/380, 379; 380/21, 24; 902/1, 4 [IMAGE AVAILABLE]
3. 5,165,432, Nov. 24, 1992, Metal chip washing system; Kenneth D. McKibben, 134/65; 15/302, 305; 34/135; 134/66, 107 [IMAGE AVAILABLE]
4. 4,918,290, Apr. 17, 1990, Portable towel heating device; Robert A. DeMars, 219/400; 34/202, 233; 219/386, 521; D32/8 [IMAGE AVAILABLE]
5. 4,839,076, Jun. 13, 1989, Pouched **through** the **washer** and **dryer** laundry additive product having at least one wall comprised of finely apertured polymeric film; Kenneth W. Willman, et al., 510/297; 206/0.5; 510/320, 322, 324, 331, 347, 352, 519, 520 [IMAGE AVAILABLE]
6. 4,810,868, Mar. 7, 1989, Frasable optical wallet-size data card; Jerome Drexler, 235/487, 454; 359/5, 7; 365/106 [IMAGE AVAILABLE]
7. 4,680,460, Jul. 14, 1987, System and method for making recordable wallet-size optical card; Jerome Drexler, 235/488, 454, 487; 347/171; 365/106; 430/13 [IMAGE AVAILABLE]
8. 4,680,458, Jul. 14, 1987, Laser recording and storage medium; Jerome Drexler, 235/487, 454; 347/171, 221; 365/106; 427/7; 428/209; 430/10 [IMAGE AVAILABLE]
9. 4,680,456, Jul. 14, 1987, Data system employing wallet-size optical card; Jerome Drexler, 235/454, 487; 347/171; 369/100, 109; 430/13 [IMAGE AVAILABLE]
10. 4,661,116, Apr. 28, 1987, Continuous dyeing of cationic dyeable polyester fibers; Frederick E. Barwick, III, et al., 8/532, 529, 539, 603, 613, 614, 654, 657, 922 [IMAGE AVAILABLE]
11. 4,656,346, Apr. 7, 1987, System for optically reading and annotating text on a data card; Jerome Drexler, 235/487, 493 [IMAGE AVAILABLE]
12. 4,623,179, Nov. 18, 1986, Door latch for appliance; G. Jerry Davis, et al., 292/201; 68/12.15, 12.26; 292/64, DIG.69 [IMAGE AVAILABLE]
13. 4,544,835, Oct. 1, 1985, Data system containing a high capacity optical contrast laser recordable wallet-size plastic card; Jerome Drexler, 235/487, 382.5, 468; 283/86, 904 [IMAGE AVAILABLE]
14. 4,542,288, Sep. 17, 1985, Method for making a laser recordable wallet-size plastic card; Jerome Drexler, 235/487, 382.5, 468, 488; 283/85, 109, 904 [IMAGE AVAILABLE]
15. 4,447,241, May 8, 1984, Oxidative afterwash treatment for crease resisting fabrics; James E. Hendrix, et al., 8/116.4, 115.7, 182, 183, 184, 185, 186 [IMAGE AVAILABLE]

> d 1 11

L1 ANSWER 1 OF 1 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD  
AN 87-251640 [36] WPIDS  
DNN N87-188313 DNC C87-106491  
TI Washing machine detergents dispenser - comprises sachet with  
compartments which release different materials successively at time  
intervals.  
DC D25 Q32 X27  
IN ANDERSON, S; LLOYD, J; NEHRU, S K; NEWBOLD, G; WRAIGE, D  
PA (UNIL) UNILEVER PLC  
CYC 19  
PI EP 236136 A 870909 (8736)\* EN <--  
R: AT BE CH DE ES FR GB GR IT LI NL SE  
AU 8769636 A 870910 (8743)  
JP 62235400 A 871015 (8747)  
BR 8701050 A 880105 (8807)  
US 4776455 A 881011 (8843) 10 pp  
ZA 8701643 A 881130 (8901)  
CA 1263628 A 891205 (9002)  
EP 236136 B1 930526 (9321) EN 14 pp C11D017-04 <--  
R: AT BE CH DE ES FR GB GR IT LI NL SE  
DE 3785947 G 930701 (9327) C11D017-04  
KR 9200135 B1 920109 (9339) C11D017-04  
ADT EP 236136 A EP 87-301905 870305; JP 62235400 A JP 87-51847 870306;  
US 4776455 A US 87-22703 870306; ZA 8701643 A ZA 87-1643 870306; EP  
236136 B1 EP 87-301905 870305; DE 3785947 G DE 87-3785947 870305, EP  
87-301905 870305; KR 9200135 B1 KR 87-2011 870306  
FDT DE 3785947 G Based on EP 236136  
PRAI GB 86-5734 860307  
IC B65D030-22; C11D017-04; D06F039-02

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L1 ANSWER 1 OF 1 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD  
AB EP 236136 A UPAB: 930922  
A detergents dispenser comprises a sachet having at least two  
compartments (2,3) contg. different materials (7,8). One  
compartment (2) is porous or has an opening seal, and releases its  
material within three minutes from the start of a wash cycle.  
The second compartment (3) delays release for at least five  
minutes from wash cycle start, by having a wash-off coating (6) or  
by being a sachet within a sachet.  
USE - Delivering bleach material at time interval after  
delivery of detergent.  
1,2/8